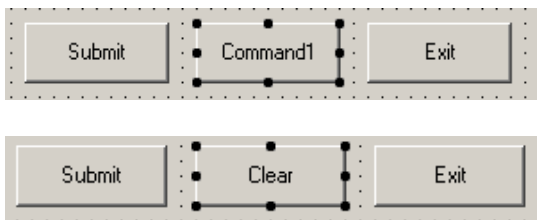


Add a Clear Command Button to ComputerNews.frm ComputerNews.vbp

1. Save your ComputerNews.frm file from your goggle digital locker to your desktop. Open it.

2. Double click on the command button tool in the left toolbox to add a command button to the form between the Submit button and the Exit button.




3. Change its **Caption** property to **Clear**.
4. Change its **Name** property to **cmdClear**.

Properties - Form1	
cmdClear CommandButton	
Appearance	1 - 3D
BackColor	&H8000000F&
Cancel	False
Caption	Clear
Default	False
DragIcon	(None)
DragMode	0 - Manual
Enabled	True
Font	MS Sans Serif
Height	495
HelpContextID	0
Index	
Left	3120
MouseIcon	(None)
MousePointer	0 - Default
Name	cmdClear

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5. Run  the program and use the Tab key to move through the form.

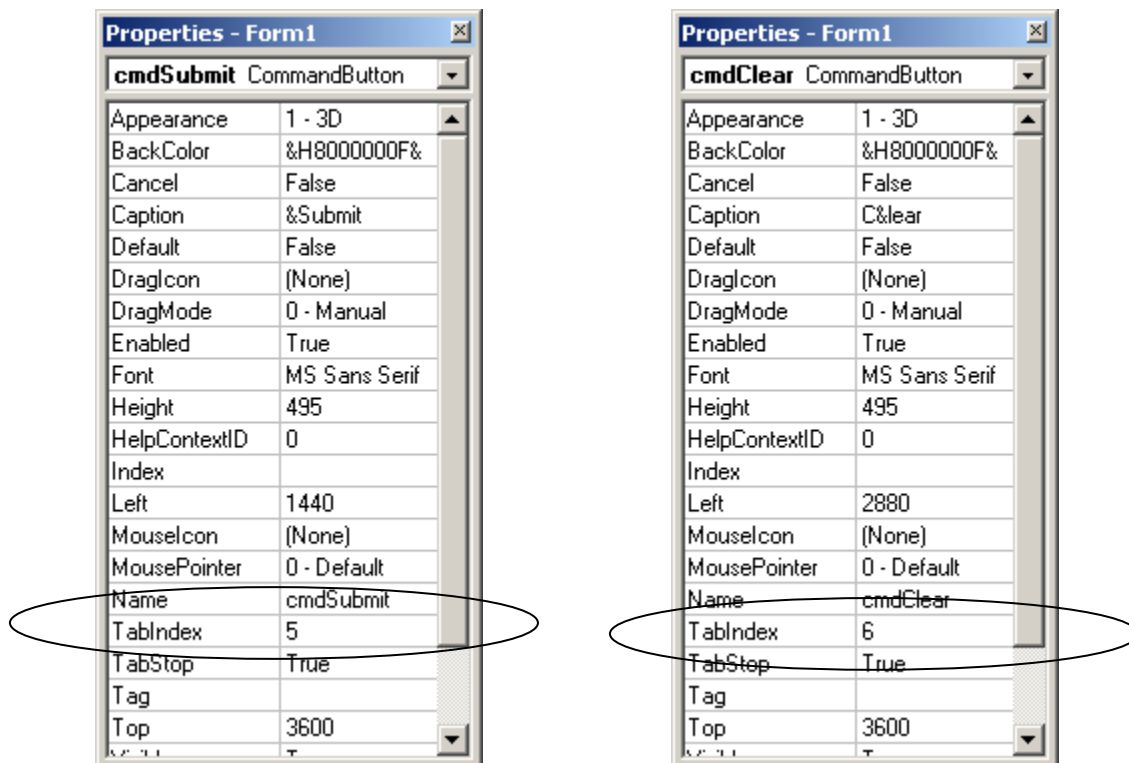
Did the cursor move through the textboxes and command buttons on the form in a logical and user-friendly order?

The cursor jumped from Submit to Exit and skipped over Clear, which is not logical because it wasn't from left to right.


Let's fix the tab order.

6. Since we added the **Clear** command button that should be tabbed to after **Submit** but prior to **Exit**, let's fix the tab order.


Select the **Submit** button, and go to the properties window. Check what its **TabIndex** property is. Now make the **TabIndex** property for **cmdClear**, one higher than that.




To fix the tab order for the entire form, see the directions on page 9 of the ComputerNews directions.

7. Click on the **Save** icon in the top toolbar. 

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8. Run the program. 

9. Type data in the name textbox then press the **Tab** key . Continue to tab and type data. After the cursor reaches the **Submit** button make sure that the next press of the **Tab** key puts the cursor on the **Clear** button. If it does not, you need to fix the **TabIndex** property (see direction # 6).



Since we did not put code in **Submit**, nothing happens when you use that command button; likewise for **Clear**.

*What do you think should happen when the **Clear** command button is executed?*

10. The code in the **Clear** command button should empty the data out of the textboxes and put the cursor back in the first textbox, so that the user can start over again.

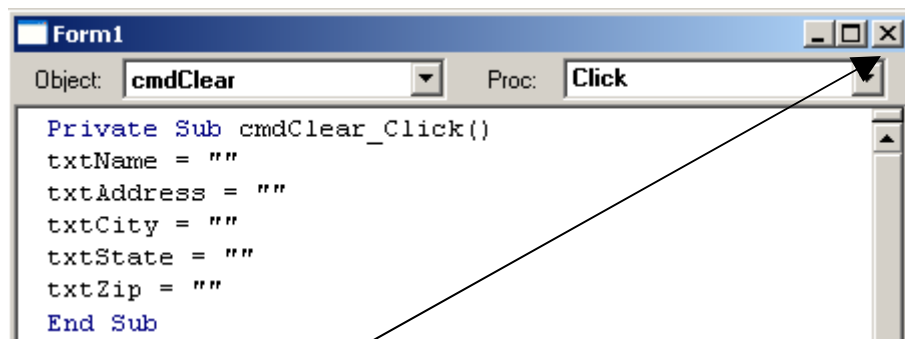
To signify an exact string of characters we use quotation marks, currently in the `txtCity` textbox is the string "Lancaster". To empty the textbox we write code to replace the characters with the **empty string**, which is a string with no characters in it which is signified by quotation marks with nothing between them, "".

After you have exited the running program, double click on the **cmdClear** button to get to its click procedure window, where you will type the code to clear out the data in the textboxes.





Add a Clear Command Button to ComputerNews.frm ComputerNews.vbp

11. To replace the text that the user typed in the textboxes with nothing you will assign the textbox the empty string, which is a string with nothing in it. In code, a literal string is shown between quotation marks; therefore, the empty string is quotation marks with nothing between them. Nothing at all is between the quotation marks, not even spaces. To assign the empty string to `txtName`, type this code. `txtName = ""`
12. Do similar code for each of the textboxes, `txtName`, `txtAddress`, `txtCity`, `txtState`, and `txtZip`, in the click procedure window for `cmdClear` command button object.



Close the procedure window.

13. Click on the **Save** icon in the top toolbar. 
14. Run  the program, putting data into the textboxes such as

Computer News by Miss Hangen (your name goes here)

Computer News Magazine

12 Issues for \$1 an issue

Name: Miss Hangen

Address: 1051 Lehigh Ave.

City: Lancaster State: PA Zip: 17602-9999

Submit Clear Exit

What will happen when the clear button is executed?

Add a Clear Command Button to ComputerNews.frm ComputerNews.vbp

The textboxes are emptied but the cursor remains on the Clear command button because we did not include code to move the cursor to the first textbox.

Use the button. Then double click on the cmdClear button.

15. To make the cursor show up in the first textbox, you will set the focus to that textbox with another line of code in the click procedure window for the **cmdClear** command button object.

txtName.SetFocus

16. Close the procedure window by clicking on the x in the top right corner.

17. Click on the **Save** icon in the top toolbar.

18. Run the program.

Add a Clear Command Button to ComputerNews.frm ComputerNews.vbp

19. Test the program again with any input.

To execute the **Clear** button press **Enter** while the cursor is on it or click the mouse on it.

All the textboxes should be empty and the cursor should be at the very front of the **txtName** textbox, as shown below.

20. Does the program do all of the following things?

- ☐ Form caption with the program filename and your name
- ☐ Appropriate capitalization, correct spelling
- ☐ Autosized labels
- ☐ Same height textboxes
- ☐ Same size command buttons
- ☐ Objects laid out nicely
- ☐ Short cut underscores on the command buttons
- ☐ Correct tab order (top to bottom, left to right)
- ☐ Accepts only 2 characters for the state
- ☐ Accepts only 10 characters for the zip
- ☐ Clear empties all textboxes and puts the cursor in the first textbox
- ☐ Exit stops the execution of ComputerNews

If not, make corrections.

21. Save to the desktop and upload to your gaggle digital locker.
22. Delete the file off the desktop and empty the recycling bin.

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